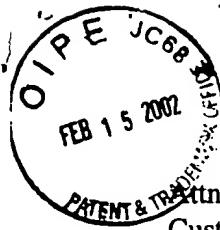


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Attn: Office of Initial Patent Examination's
Customer Service Center
Assistant Secretary and Commissioner of
Patent and Trademarks
Washington, DC 20231

RECEIVED
MAR 05 2002
Technology Center 2100

Re: Our file: 7703/29
Applicant: Vaman, et al.
Serial No.: 09/847,039
Filing Date: 05/01/01
Title: Method and Apparatus for Providing End-to-End Quality of Service in
Multiple Transport Protocol Environments Using Permanent or Switched
Virtual Circuit Connection Management

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

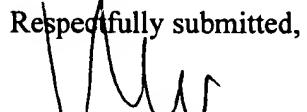
1. Request for Corrected Filing Receipt
2. Copy of Filing Receipt
3. Transmittal Sheet
4. Postcard Receipt

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter to the deposit account of the writer, Account No. 06-2143. A duplicate copy of this letter is enclosed.

Date 125/02

Respectfully submitted,


Michael R. Frisia

Registration No. 33,884

Wolff & Samson

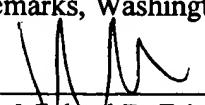
5 Becker Farm Road
Roseland, New Jersey 07068-1776

Tel: (973) 533-6599

Fax: (973) 436-4499

enc.

I hereby certify that this correspondence is being deposited with the United States Postal Service, First Class Mail, postage prepaid, to Attn: Office of Initial Patent Examination's Customer Service Center, Assistant Secretary and Commissioner of Patent and Trademarks, Washington, DC 20231 on 125/02.

By: 

Michael R. Frisia

COPY OF PAPERS
ORIGINALLY FILED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
FEB 15 2002

Applicant: Vaman, et al.

Serial No.: 09/847,039

Filed: 05/01/01

For: Method and Apparatus for Providing End-to-End Quality of Service in Multiple Transport Protocol Environments Using Permanent or Switched Virtual Circuit Connection Management

REQUEST FOR CORRECTED FILING RECEIPT

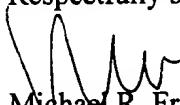
Attn: Office of Initial Patent Examination's
Customer Service Center
Assistant Secretary and Commissioner of
Patent and Trademarks
Washington, DC 20231

Sir:

Please correct the filing receipt by addressing same to the attention of Michael Frisia in the attorney of record's address as set forth in the application. Please also address all future correspondence to the attention of Michael Frisia.

Dated: 1/25/02

Respectfully submitted,


Michael R. Frisia
Registration No. 33,884
Attorney for Applicant
WOLFF & SAMSON
5 Becker Farm Road
Roseland, NJ 07068-1776
Tel: (973) 533-6654
Fax: (973) 436-4499

RECEIVED
MAR 05 2002
Technology Center 2100



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/847,039	05/01/2001	2152	435	7703/29	7	17	3

CONFIRMATION NO. 5212

Michael Fusca
Wolff & Samson
5 Becker Farm Road
Roseland, NJ 07068-1776

UPDATED FILING RECEIPT



OC000000007308397*

Date Mailed: 01/15/2002



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Dhadesugoor R. Vaman, Frederick, MD;
Thanabalan Paul, Gaithersburg, MD;
Joonbum Byun, Rockville, MD;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CIP OF 09/435,549 11/08/1999

Foreign Applications

If Required, Foreign Filing License Granted 06/26/2001

Projected Publication Date: 04/25/2002

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Method and apparatus for providing end-to-end quality of service in multiple transport protocol environments using permanent or switched virtual circuit connection management

Preliminary Class

RECEIVED
MAR 05 2002
Technology Center 2100

709

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Cod , Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



UNITED STATES PATENT AND TRADEMARK OFFICE

FILE COPY

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5212

SERIAL NUMBER 09/847,039	FILING DATE 05/01/2001 RULE	CLASS 709	GROUP ART UNIT 2152	ATTORNEY DOCKET NO. 7703/29
-----------------------------	-----------------------------------	--------------	------------------------	--------------------------------

APPLICANTS

Dhadesugoor R. Vaman, Frederick, MD;
 Thanabalan Paul, Gaithersburg, MD;
 Joonbum Byun, Rockville, MD;

**** CONTINUING DATA *******

THIS APPLICATION IS A CIP OF 09/435,549 11/08/1999

**** FOREIGN APPLICATIONS *******

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **
 ** 06/26/2001

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no		
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance		
Verified and Acknowledged	Examiner's Signature _____ Initials _____		
STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
MD	7	17	3

ADDRESS

Michael Frisia
 Wolff & Samson
 5 Becker Farm Road
 Roseland , NJ 07068-1776

TITLE

Method and apparatus for providing end-to-end quality of service in multiple transport protocol environments using permanent or switched virtual circuit connection management

FILING FEE RECEIVED 435	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
----------------------------	---	---